

Remarks/Arguments:

The title was found to be non-descriptive. A new title has been furnished.

Various claims have been rejected under 35 U.S.C. Section 112. The claims have been appropriately amended. Withdrawal of the rejection is respectfully requested.

Claim 1 has been rejected under 35 U.S.C. Section 102(b) as being clearly anticipated by Matula (3,835,373) or Luetzow (5,444,369). It is respectfully submitted, however, that these claims are now patentable over the art of record for the reasons set forth below.

Applicants' invention, as recited by claim 1, includes a feature which is neither disclosed nor suggested by Matula, namely,

...a magnetic circuit comprising a plurality of magnets...(emphasis added)

This feature is supported by the originally filed application at Page 20, lines 21-29. As set forth in Applicants' specification at the above lines, Applicants' structure including two magnets increases clearances and thus increases sensitivity of the output signal produced by Applicants' magnetic sensor element. As this feature is neither disclosed nor suggest by Matula, claim 1 is patentable over Matula.

Applicants' claim 1 includes a further feature which is neither disclosed nor suggested by Luetzow, namely,

...said magnet stationary relative to said object.

This feature is again supported by the originally filed application at Page 20, lines 21-29 and is shown in Figs. 20 and 21. This feature is completely different than Luetzow where the magnets are attached to the rotating pole piece (see abstract, line 11). Accordingly, claim 1 is patentable over Luetzow.

Claims 11-14 have been rejected under 35 U.S.C. section 103(a) as being unpatentable over Luetzow. Claim 11, however, is patentable by virtue of its dependency on allowable claim 1. Allowance of claim 11 is respectfully requested.

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The remaining claims are all allowable by virtue of their dependency on allowable independent claims. Allowance of all pending claims, including those withdrawn from consideration, is respectfully requested.

For the reasons set forth above, the above identified application is in condition for allowance which action is respectfully requested.

Respectfully submitted,

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The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

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July 23, 2003



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